2027TO 02894001

FIG. 1

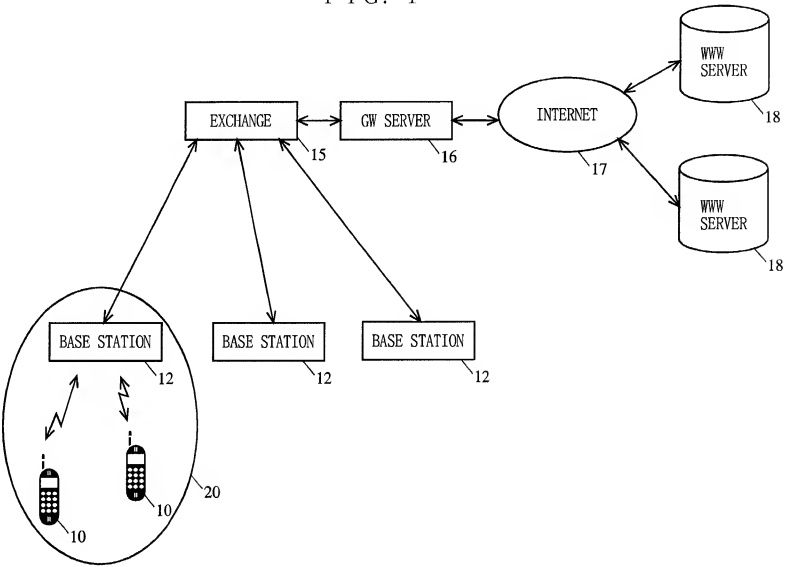

FIG. 2

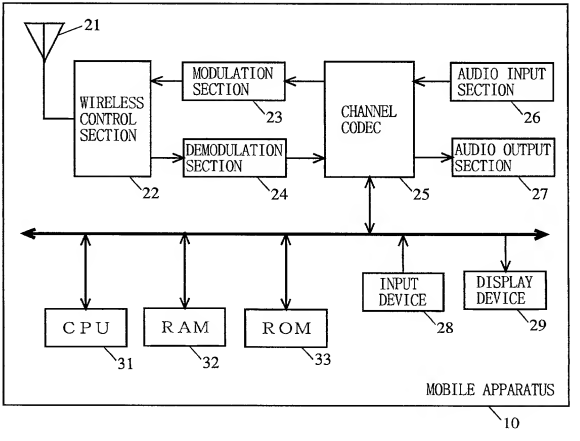
21
WIRELESS CONTROL SECTION
22
MODULATION SECTION
23
DEMODULATION SECTION
24
CHANNEL CODEC
25
AUDIO INPUT SECTION
26
AUDIO OUTPUT SECTION
27
INPUT DEVICE
28
DISPLAY DEVICE
29
CPU
31
RAM
32
ROM
33
MOBILE APPARATUS
10

FIG. 3

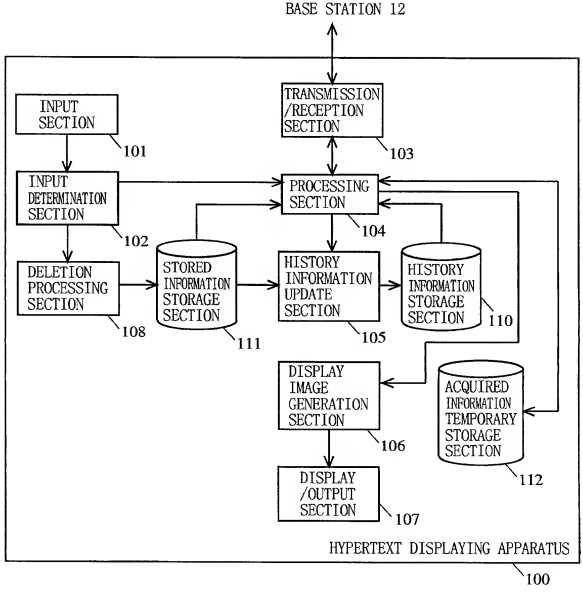
BASE STATION 12
INPUT SECTION
101
TRANSMISSION /RECEPTION SECTION
103
INPUT DETERMINATION SECTION
102
PROCESSING SECTION
104
DELETION PROCESSING SECTION
108
STORED INFORMATION STORAGE SECTION
111
HISTORY INFORMATION UPDATE SECTION
105
HISTORY INFORMATION STORAGE SECTION
110
DISPLAY IMAGE GENERATION SECTION
106
ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
112
DISPLAY /OUTPUT SECTION
107
HYPERTEXT DISPLAYING APPARATUS
100

FIG. 4A

IDENTIFIER (ID)	ACQUISITION SOURCE URI	TIME/DATE OF STORAGE	STORED AREA ADDRESS	DATA SIZE
ID1	http://www.test.co.jp/add/doc.html	1999/04/20 09:45	add11	len11
ID2	http://www.test.co.jp/lib/readme.html	1999/04/15 01:15	add12	len12
ID3	http://www.patent.or.jp/report/rep5.html	1999/03/10 10:10	add13	len13
ID4	http://www.patent.or.jp/report/rep3.html	1999/03/22 15:30	add14	len14
⋮	⋮	⋮	⋮	⋮

FIG. 4B

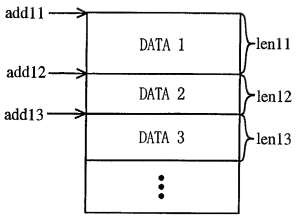

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FIG. 5

ORDER OF DISPLAY ↓

ACQUISITION SOURCE URI	LAST TIME/DATE OF DISPLAY	IDENTIFIER (ID)
http://www.test.co.jp/index.html	1999/04/20 09:45	NULL
http://www.test.co.jp/local/news.html	1999/04/15 01:15	NULL
http://www.patent.or.jp/report/rep5.html	1999/04/02 18:02	ID3
http://www.patent.or.jp/report/rep1.html	1999/03/30 17:30	NULL
⋮	⋮	⋮

FIG. 6A

ACQUISITION SOURCE URI	TIME/DATE OF CREATION	STORED AREA ADDRESS	DATA SIZE
http://www.test.co.jp/index.html	1999/04/20 09:45	add1	len1
http://www.test.co.jp/local/news.html	1999/04/15 01:15	add2	len2
http://www.patent.or.jp/report/main.html	1999/04/02 18:02	add3	len3
http://www.patent.or.jp/report/rep1.html	1999/03/30 17:30	add4	len4
⋮	⋮	⋮	⋮

FIG. 6B

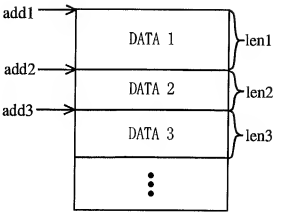


FIG. 7

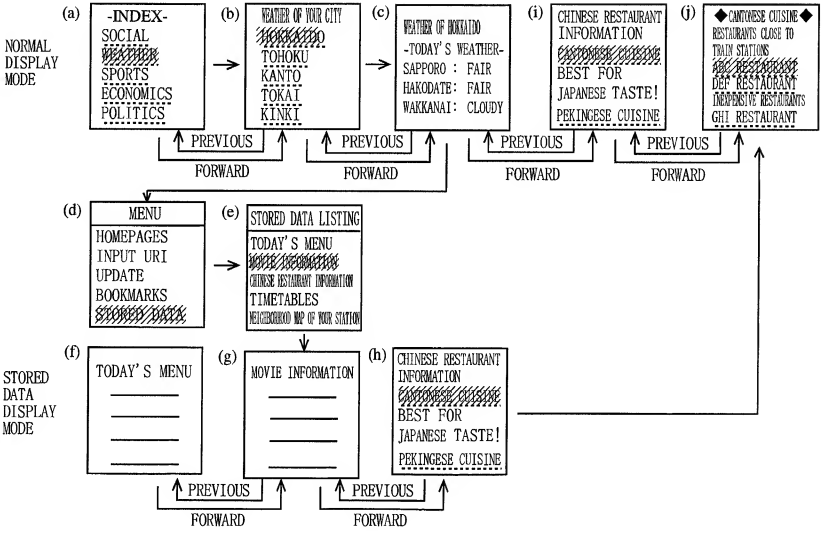

NORMAL DISPLAY MODE
(a)
-INDEX-
SOCIAL
WEATHER
SPORTS
ECONOMICS
POLITICS
(b)
WEATHER OF YOUR CITY
HOKKAIDO
TOHOKU
KANTO
TOKAI
KINKI
(c)
WEATHER OF HOKKAIDO
-TODAY'S WEATHER-
SAPPORO : FAIR
HAKODATE: FAIR
WAKKANAI: CLOUDY
(i)
CHINESE RESTAURANT INFORMATION
CANTONESE CUISINE
BEST FOR JAPANESE TASTE!
PEKINGESE CUISINE
(j)
◆CANTONESE CUISINE◆
RESTAURANTS CLOSE TO TRAIN STATIONS
ABC RESTAURANT
DEF RESTAURANT
INEXPENSIVE RESTAURANTS
GHI RESTAURANT
PREVIOUS
FORWARD
(d)
MENU
HOMEPAGES
INPUT URI
UPDATE
BOOKMARKS
STORED DATA
(e)
STORED DATA LISTING
TODAY'S MENU
MOVIE INFORMATION
CHINESE RESTAURANT INFORMATION
TIMETABLES
NEIGHBORHOOD MAP OF YOUR STATION
STORED DATA DISPLAY MODE
(f)
TODAY'S MENU
(g)
MOVIE INFORMATION
(h)
CHINESE RESTAURANT INFORMATION
CANTONESE CUISINE
BEST FOR JAPANESE TASTE!
PEKINGESE CUISINE

FIG. 8

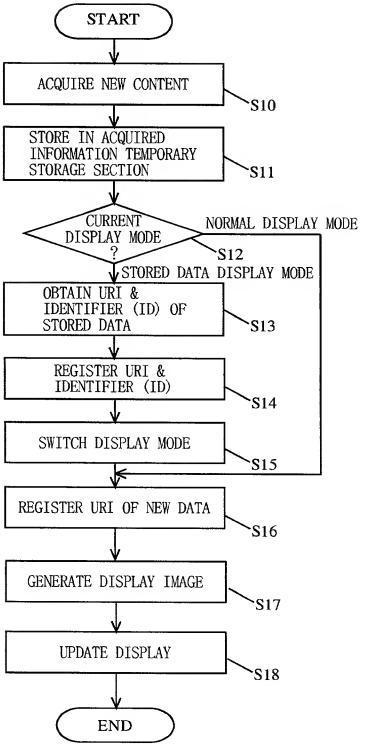

START
ACQUIRE NEW CONTENT
S10
STORE IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S11
CURRENT DISPLAY MODE ?
NORMAL DISPLAY MODE
S12
STORED DATA DISPLAY MODE
OBTAIN URI & IDENTIFIER (ID) OF STORED DATA
S13
REGISTER URI & IDENTIFIER (ID)
S14
SWITCH DISPLAY MODE
S15
REGISTER URI OF NEW DATA
S16
GENERATE DISPLAY IMAGE
S17
UPDATE DISPLAY
S18
END

FIG. 9

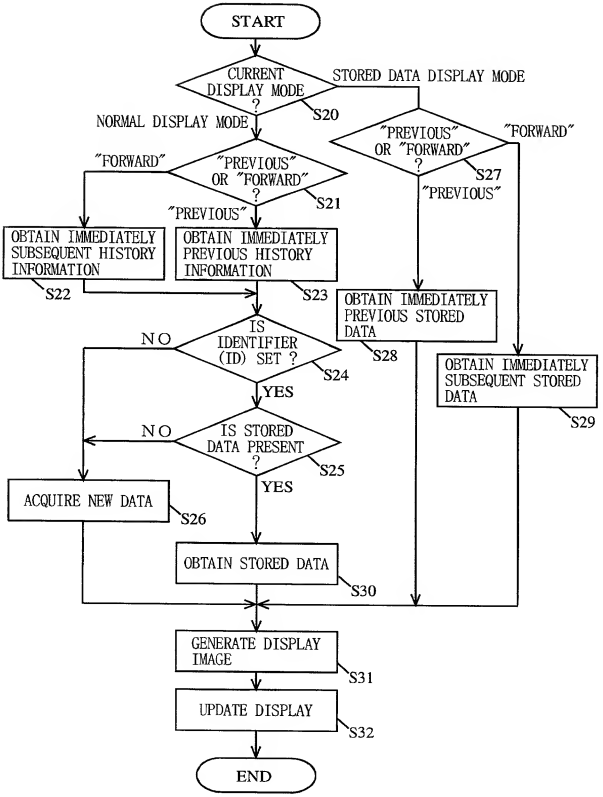

START
CURRENT DISPLAY MODE ?
STORED DATA DISPLAY MODE
NORMAL DISPLAY MODE
S20
"PREVIOUS" OR "FORWARD" ?
S27
"FORWARD"
"PREVIOUS"
"PREVIOUS" OR "FORWARD" ?
S21
"FORWARD"
"PREVIOUS"
OBTAIN IMMEDIATELY SUBSEQUENT HISTORY INFORMATION
S22
OBTAIN IMMEDIATELY PREVIOUS HISTORY INFORMATION
S23
OBTAIN IMMEDIATELY PREVIOUS STORED DATA
S28
OBTAIN IMMEDIATELY SUBSEQUENT STORED DATA
S29
IS IDENTIFIER (ID) SET ?
NO
S24
YES
IS STORED DATA PRESENT ?
NO
S25
YES
ACQUIRE NEW DATA
S26
OBTAIN STORED DATA
S30
GENERATE DISPLAY IMAGE
S31
UPDATE DISPLAY
S32
END

FIG. 10

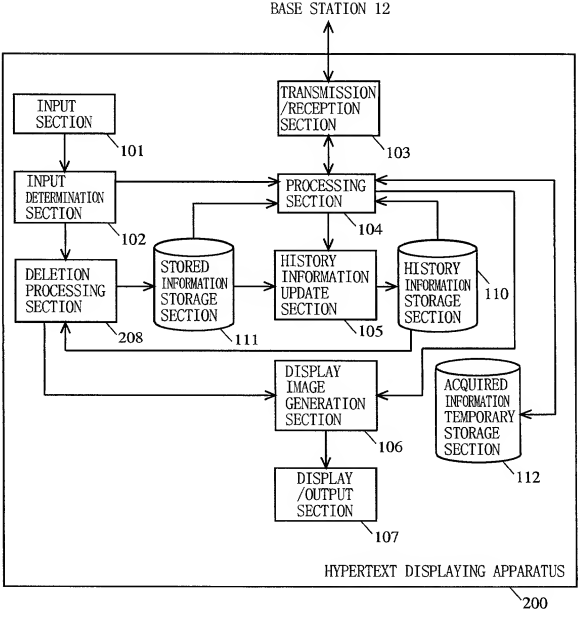

BASE STATION 12
INPUT SECTION
101
TRANSMISSION /RECEPTION SECTION
103
INPUT DETERMINATION SECTION
102
PROCESSING SECTION
104
DELETION PROCESSING SECTION
208
STORED INFORMATION STORAGE SECTION
111
HISTORY INFORMATION UPDATE SECTION
105
HISTORY INFORMATION STORAGE SECTION
110
DISPLAY IMAGE GENERATION SECTION
106
ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
112
DISPLAY /OUTPUT SECTION
107
HYPERTEXT DISPLAYING APPARATUS
200

FIG. 11

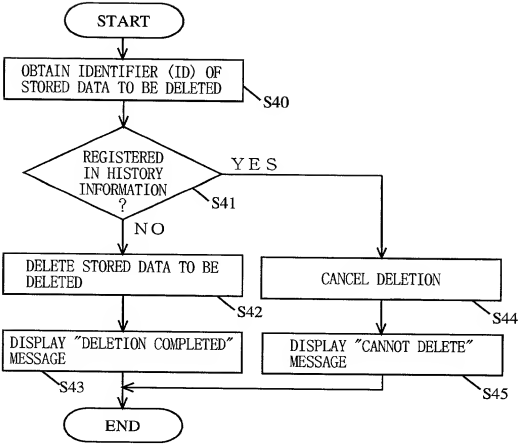
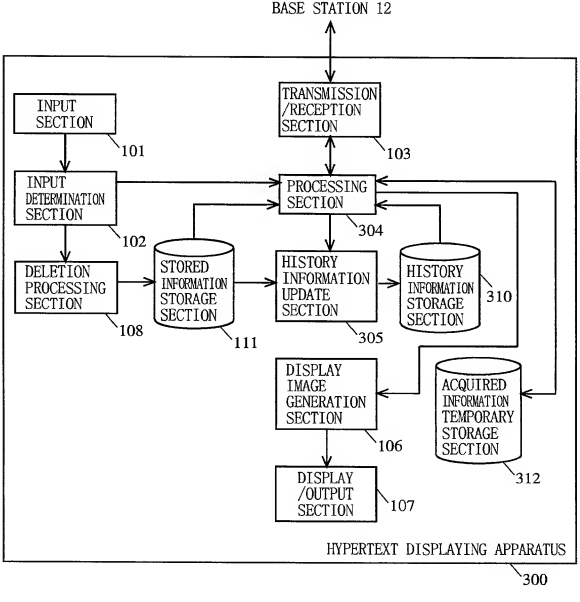

START
OBTAIN IDENTIFIER (ID) OF STORED DATA TO BE DELETED
S40
REGISTERED IN HISTORY INFORMATION ?
S41
YES
NO
DELETE STORED DATA TO BE DELETED
S42
CANCEL DELETION
S44
DISPLAY "DELETION COMPLETED" MESSAGE
S43
DISPLAY "CANNOT DELETE" MESSAGE
S45
END

FIG. 12


BASE STATION 12
INPUT SECTION
101
TRANSMISSION /RECEPTION SECTION
103
INPUT DETERMINATION SECTION
102
PROCESSING SECTION
304
DELETION PROCESSING SECTION
108
STORED INFORMATION STORAGE SECTION
111
HISTORY INFORMATION UPDATE SECTION
305
HISTORY INFORMATION STORAGE SECTION
310
DISPLAY IMAGE GENERATION SECTION
106
ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
312
DISPLAY /OUTPUT SECTION
107
HYPERTEXT DISPLAYING APPARATUS
300

20CTTO*0289HOOT

FIG. 13

ORDER OF DISPLAY ↓

ACQUISITION SOURCE URI	LAST TIME/DATE OF DISPLAY
http://www.test.co.jp/index.html	1999/04/20 09:45
http://www.test.co.jp/local/news.html	1999/04/15 01:15
http://www.patent.or.jp/report/rep5.html	1999/04/02 18:02
http://www.patent.or.jp/report/rep1.html	1999/03/30 17:30
⋮	⋮

20ZTTO"0339h00T

FIG. 14A

ACQUISITION SOURCE URI	TIME/DATE OF CREATION	STORED AREA ADDRESS	DATA SIZE	IDENTIFIER (ID)
http://www.test.co.jp/index.html	1999/04/20 09:45	add1	len1	NULL
http://www.test.co.jp/local/news.html	1999/04/15 01:15	add2	len2	NULL
http://www.patent.or.jp/report/rep5.html	1999/04/02 18:02	NULL	NULL	ID3
http://www.patent.or.jp/report/rep1.html	1999/03/30 17:30	add4	len4	NULL
⋮	⋮	⋮	⋮	⋮

FIG. 14B

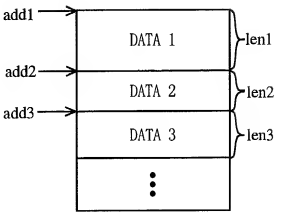


FIG. 15

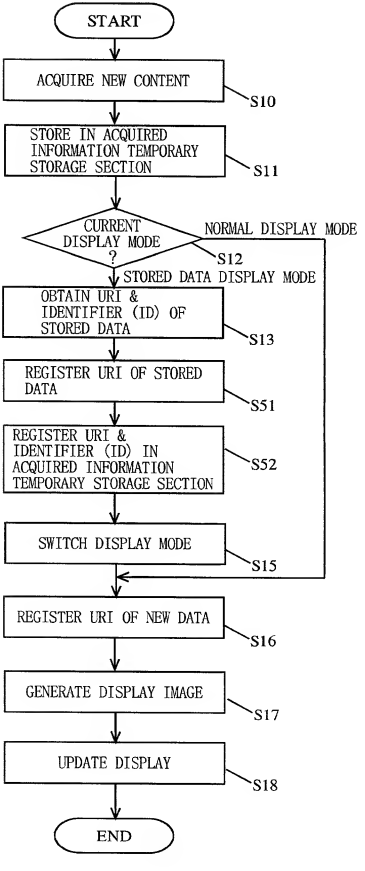

START
ACQUIRE NEW CONTENT
S10
STORE IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S11
CURRENT DISPLAY MODE ?
S12
NORMAL DISPLAY MODE
STORED DATA DISPLAY MODE
OBTAIN URI & IDENTIFIER (ID) OF STORED DATA
S13
REGISTER URI OF STORED DATA
S51
REGISTER URI & IDENTIFIER (ID) IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S52
SWITCH DISPLAY MODE
S15
REGISTER URI OF NEW DATA
S16
GENERATE DISPLAY IMAGE
S17
UPDATE DISPLAY
S18
END

FIG. 16

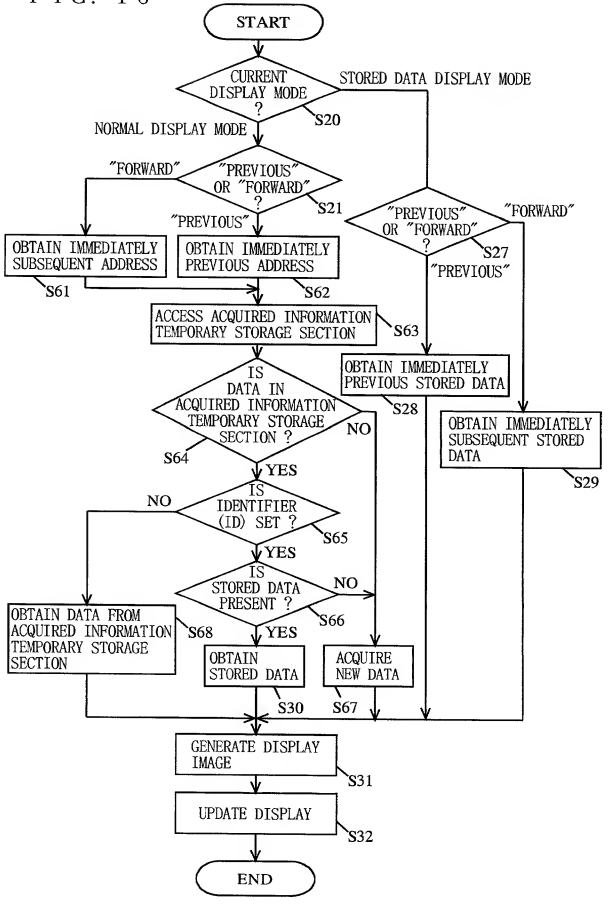


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FIG. 17

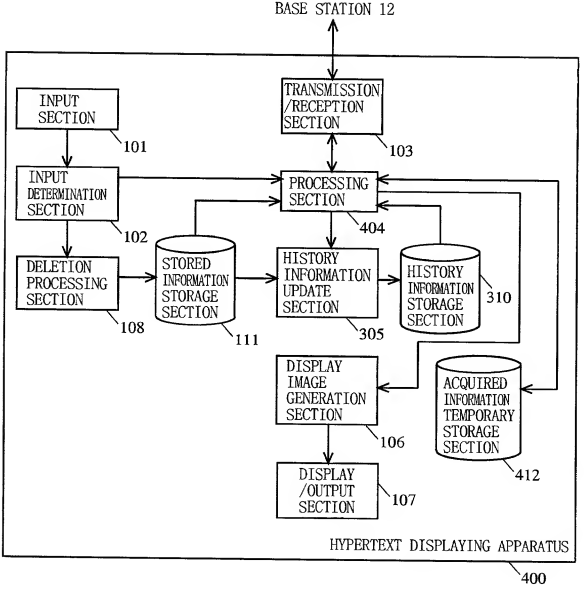
BASE STATION 12
INPUT SECTION
101
TRANSMISSION /RECEPTION SECTION
103
INPUT DETERMINATION SECTION
102
PROCESSING SECTION
404
DELETION PROCESSING SECTION
108
STORED INFORMATION STORAGE SECTION
111
HISTORY INFORMATION UPDATE SECTION
305
HISTORY INFORMATION STORAGE SECTION
310
DISPLAY IMAGE GENERATION SECTION
106
ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
412
DISPLAY /OUTPUT SECTION
107
HYPERTEXT DISPLAYING APPARATUS
400

FIG. 18

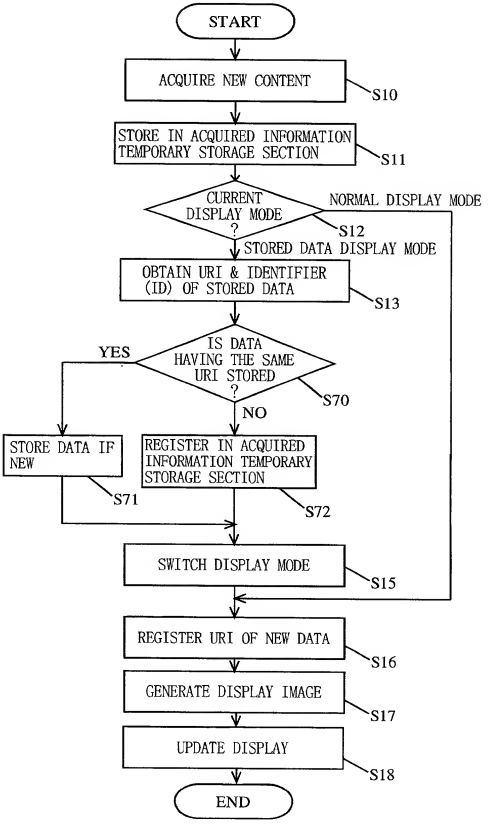
START
ACQUIRE NEW CONTENT
S10
STORE IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S11
CURRENT DISPLAY MODE ?
S12
NORMAL DISPLAY MODE
STORED DATA DISPLAY MODE
OBTAIN URI & IDENTIFIER (ID) OF STORED DATA
S13
IS DATA HAVING THE SAME URI STORED ?
S70
YES
NO
STORE DATA IF NEW
S71
REGISTER IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S72
SWITCH DISPLAY MODE
S15
REGISTER URI OF NEW DATA
S16
GENERATE DISPLAY IMAGE
S17
UPDATE DISPLAY
S18
END

FIG. 19

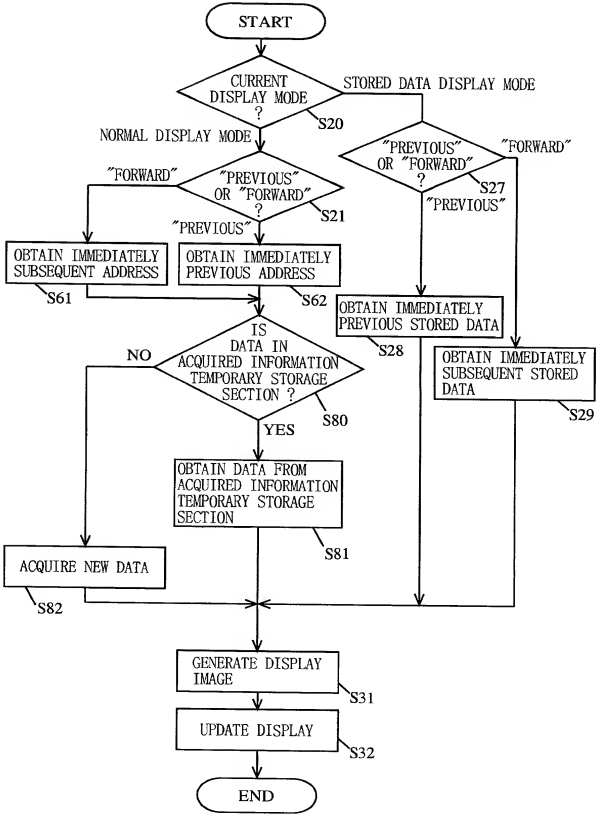
START
CURRENT DISPLAY MODE ?
S20
STORED DATA DISPLAY MODE
NORMAL DISPLAY MODE
"PREVIOUS" OR "FORWARD" ?
S21
"FORWARD"
"PREVIOUS"
"PREVIOUS" OR "FORWARD" ?
S27
"FORWARD"
"PREVIOUS"
OBTAIN IMMEDIATELY SUBSEQUENT ADDRESS
S61
OBTAIN IMMEDIATELY PREVIOUS ADDRESS
S62
OBTAIN IMMEDIATELY PREVIOUS STORED DATA
S28
OBTAIN IMMEDIATELY SUBSEQUENT STORED DATA
S29
IS DATA IN ACQUIRED INFORMATION TEMPORARY STORAGE SECTION ?
NO
S80
YES
OBTAIN DATA FROM ACQUIRED INFORMATION TEMPORARY STORAGE SECTION
S81
ACQUIRE NEW DATA
S82
GENERATE DISPLAY IMAGE
S31
UPDATE DISPLAY
S32
END

FIG. 20 PRIOR ART

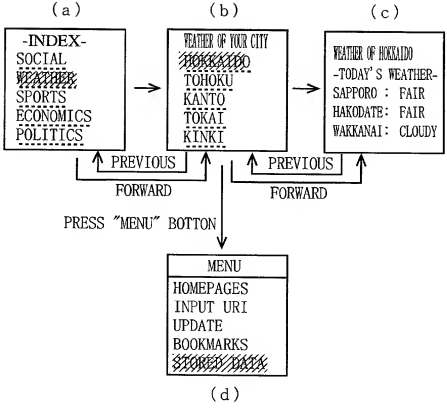

FIG. 21 PRIOR ART

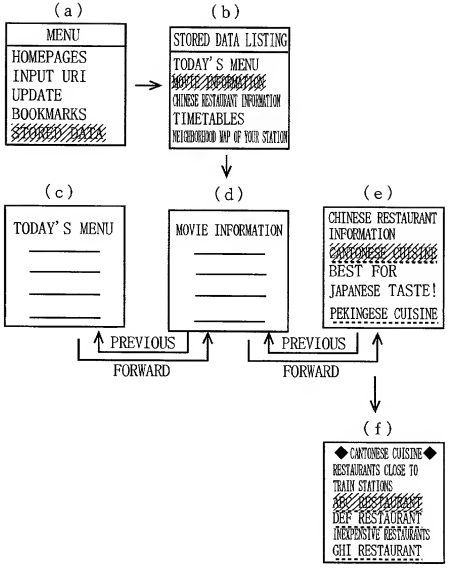
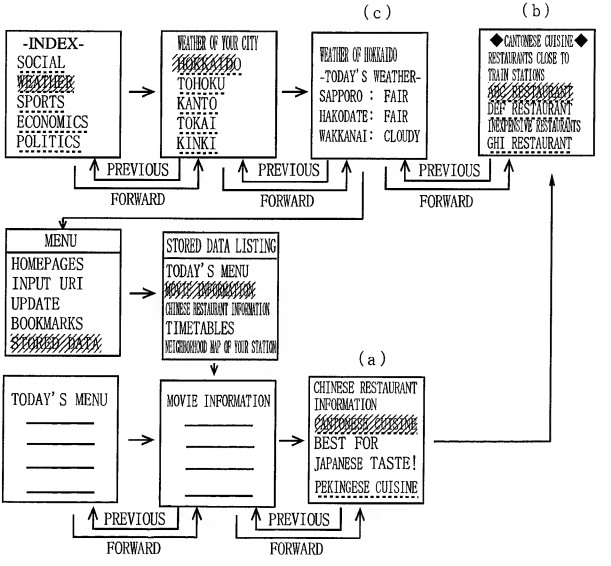
FIG. 22 PRIOR ART